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OM protein - protein search, using sw model

Run on: March 24, 2003, 16:12:05 ; Search time 16 Seconds

(without alignments)
872.103 Million cell updates/sec

Title: US-09-988-971-2

Perfect score: 261
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Scoring table:

Gapop 60.0 , Gapext 60.0

Searched: 221153 seqs, 53462247 residues

Word size : 0

Total number of hits satisfying chosen parameters: 221153

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Listing first 100 summaries

Database :

Published Applications AA:*
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Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

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| 3 | 64 | 24.5 | 96 | 10 | US-09-867-550-952 |
| 4 | 31 | 11.9 | 31 | 10 | US-09-864-761-36076 |
| 5 | 3 | 3.4 | 423 | 10 | US-09-826-508-40 |
| 6 | 9 | 3.4 | 423 | 10 | US-09-771-161A-95 |
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| 9 | 9 | 3.4 | 423 | 10 | US-09-771-161A-95 |
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| 15 | 9 | 3.4 | 423 | 10 | US-09-771-161A-95 |
| 16 | 9 | 3.4 | 423 | 10 | US-09-771-161A-95 |
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| 18 | 9 | 3.4 | 423 | 10 | US-09-771-161A-95 |
| 19 | 9 | 3.4 | 423 | 10 | US-09-771-161A-95 |

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| 20 | 7 | 2.7 | 159 | 10 | US-09-927-602-9 | Sequence 9, Appl1 |
| 21 | 7 | 2.7 | 286 | 10 | US-09-815-242-13438 | Sequence 13438, A |
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| 23 | 7 | 2.7 | 293 | 9 | US-10-171-077-5 | Sequence 5, Appl1 |
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| 26 | 7 | 2.7 | 300 | 10 | US-09-954-697-36 | Sequence 16, Appl1 |
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| 28 | 7 | 2.7 | 429 | 9 | US-10-012-542-366 | Sequence 366, App |
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| 34 | 7 | 2.7 | 502 | 10 | US-09-843-164-14 | Sequence 14, Appl1 |
| 35 | 7 | 2.7 | 560 | 9 | US-09-966-422B-2 | Sequence 2, Appl1 |
| 36 | 7 | 2.7 | 560 | 10 | US-09-843-164-12 | Sequence 12, Appl1 |
| 37 | 7 | 2.7 | 688 | 10 | US-09-931-087A-20 | Sequence 20, Appl1 |
| 38 | 7 | 2.7 | 703 | 10 | US-09-931-087A-5 | Sequence 10, Appl1 |
| 39 | 7 | 2.7 | 762 | 10 | US-09-948-369-10 | Sequence 10, Appl1 |
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| 41 | 7 | 2.7 | 788 | 9 | US-10-072-841-27 | Sequence 27, Appl1 |
| 42 | 7 | 2.7 | 848 | 10 | US-09-843-164-6 | Sequence 6, Appl1 |
| 43 | 7 | 2.7 | 941 | 10 | US-09-815-242-13818 | Sequence 13818, A |
| 44 | 7 | 2.7 | 2843 | 8 | US-08-681-219-32 | Sequence 32, Appl1 |
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| 46 | 7 | 2.3 | 10 | 9 | US-09-996-288-122 | Sequence 122, App |
| 47 | 6 | 2.3 | 10 | 9 | US-10-083-815-51 | Sequence 51, Appl1 |
| 48 | 6 | 2.3 | 17 | 9 | US-10-083-815-52 | Sequence 52, Appl1 |
| 49 | 6 | 2.3 | 18 | 9 | US-10-083-815-53 | Sequence 53, Appl1 |
| 50 | 6 | 2.3 | 20 | 9 | US-09-974-879-483 | Sequence 483, App |
| 51 | 6 | 2.3 | 20 | 9 | US-10-083-815-30 | Sequence 30, Appl1 |
| 52 | 6 | 2.3 | 20 | 9 | US-10-083-815-31 | Sequence 31, Appl1 |
| 53 | 6 | 2.3 | 20 | 9 | US-10-083-815-32 | Sequence 32, Appl1 |
| 54 | 6 | 2.3 | 20 | 9 | US-10-083-815-33 | Sequence 33, Appl1 |
| 55 | 6 | 2.3 | 20 | 9 | US-10-083-815-34 | Sequence 34, Appl1 |
| 56 | 6 | 2.3 | 20 | 9 | US-10-083-815-35 | Sequence 35, Appl1 |
| 57 | 6 | 2.3 | 20 | 9 | US-10-083-815-36 | Sequence 36, Appl1 |
| 58 | 6 | 2.3 | 20 | 9 | US-10-083-815-37 | Sequence 37, Appl1 |
| 59 | 6 | 2.3 | 20 | 9 | US-10-083-815-38 | Sequence 38, Appl1 |
| 60 | 6 | 2.3 | 20 | 9 | US-10-083-815-39 | Sequence 39, Appl1 |
| 61 | 6 | 2.3 | 20 | 9 | US-10-083-815-40 | Sequence 40, Appl1 |
| 62 | 6 | 2.3 | 20 | 9 | US-10-083-815-41 | Sequence 41, Appl1 |
| 63 | 6 | 2.3 | 20 | 9 | US-10-083-815-42 | Sequence 42, Appl1 |
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| 67 | 6 | 2.3 | 23 | 9 | US-10-083-815-46 | Sequence 46, Appl1 |
| 68 | 6 | 2.3 | 24 | 9 | US-10-083-815-47 | Sequence 47, Appl1 |
| 69 | 6 | 2.3 | 25 | 9 | US-10-083-815-48 | Sequence 48, Appl1 |
| 70 | 6 | 2.3 | 25 | 9 | US-10-083-815-49 | Sequence 49, Appl1 |
| 71 | 6 | 2.3 | 25 | 10 | US-09-864-761-33647 | Sequence 33647, A |
| 72 | 6 | 2.3 | 26 | 9 | US-10-083-815-50 | Sequence 50, Appl1 |
| 73 | 6 | 2.3 | 27 | 9 | US-10-083-815-51 | Sequence 51, Appl1 |
| 74 | 6 | 2.3 | 28 | 9 | US-10-083-815-52 | Sequence 52, Appl1 |
| 75 | 6 | 2.3 | 29 | 9 | US-10-083-815-53 | Sequence 53, Appl1 |
| 76 | 6 | 2.3 | 30 | 9 | US-10-083-815-54 | Sequence 54, Appl1 |
| 77 | 6 | 2.3 | 31 | 9 | US-10-083-815-55 | Sequence 55, Appl1 |
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| 81 | 6 | 2.3 | 33 | 9 | US-10-083-815-59 | Sequence 59, Appl1 |
| 82 | 6 | 2.3 | 34 | 9 | US-09-864-761-36735 | Sequence 36735, A |
| 83 | 6 | 2.3 | 35 | 9 | US-09-864-761-36735 | Sequence 36735, A |
| 84 | 6 | 2.3 | 36 | 9 | US-09-864-761-36735 | Sequence 36735, A |
| 85 | 6 | 2.3 | 37 | 9 | US-09-915-676-2 | Sequence 2, Appl1 |
| 86 | 6 | 2.3 | 37 | 9 | US-09-915-676-2 | Sequence 2, Appl1 |
| 87 | 6 | 2.3 | 37 | 9 | US-09-915-676-2 | Sequence 2, Appl1 |
| 88 | 6 | 2.3 | 38 | 9 | US-09-864-761-36405 | Sequence 36405, A |
| 89 | 6 | 2.3 | 38 | 9 | US-09-864-761-36405 | Sequence 36405, A |
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| 93 | 6 | 2.3 | 4.7 | 1.0 | US-09-989-993.43 | Sequence 43, Appl |
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| 96 | 6 | 2.3 | 5.0 | 1.0 | US-09-728-912.1.1 | Sequence 11, Appl |
| 97 | 6 | 2.3 | 5.1 | 1.0 | US-09-921-300.1767 | Sequence 1767, Appl |
| 98 | 6 | 2.3 | 5.2 | 1.0 | US-09-728-912.1.1 | Sequence 12, Appl |
| 99 | 6 | 2.3 | 5.4 | 1.0 | US-09-031-460.15 | Sequence 15, Appl |
| 100 | 6 | 2.3 | 5.4 | 1.0 | US-09-905-176.6 | Sequence 6, Appl |

ALIGNMENTS

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RESULT 1
US-09-867-550-954
Sequence 954. Application US/09867550
Patent No. US20020082206A1
GENERAL INFORMATION:
APPLICANT: Leach, Martin D.
APPLICANT: Weinbaum, Fred.
APPLICANT: Conley, Pamela
APPLICANT: Law, Debbie
APPLICANT: Topper, James
TITLE OF INVENTION: No. US20020082206A1 Polynucleotides from Atherogenic Cells and
FILE REFERENCE: 21402-013 (Cura-313) Thereby
CURRENT APPLICATION NUMBER: US/09/867,550
CURRENT FILING DATE: 2001-09-20
PRIOR APPLICATION NUMBER: US2N 60/208,427
PRIOR FILING DATE: 2000-05-30
NUMBER OF SEQ. ID NOS: 2125
SOFTWARE: FastSeq for Windows Version 4.0
SEQ. ID NO. 954
LENGTH: 159
TYPE: PRT
ORGANISM: Mus sapiens
US-09-867-550-954

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RESULT 2
 US-09-867-550-1916
 : Sequence 1916, Application US/09867550
 : Patent No. US20020082206A1
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 : GENERAL INFORMATION:
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 : APPLICANT: Leach, Martin D.
 : APPLICANT: Wehraban, Fuad,
 : APPLICANT: Conley, Pamela
 : APPLICANT: Law, Debbie
 :
 : APPLICANT: Topper, James
 :
 : TITLE OF INVENTION: No. US20020082206A1 Polynucleotides from Atherogenic Cells and
 : TITLE OF INVENTION: Thereby
 : FILE REFERENCE: 21402-013 (Cura-313)
 : CURRENT APPLICATION NUMBER: US/09/867,550
 : CURRENT FILING DATE: 2001-09-20
 : PRIOR APPLICATION NUMBER: US9N 60/208,427
 : PRIOR FILING DATE: 2000-05-30
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 : NUMBER OF SEQ ID NOS: 2125

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/ SOFTWARE:FASTSEQ for Windows Version 4.0
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/ ORGANISM: Homo sapiens
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/ NAME/KEY: VARIANT
/ LOCATION: (1)
/ OTHER INFORMATION: wherein Xaa may be any one of Arg or Gly or Tyr
/ OS=09-867-550-1916

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RESULT 3
US-09-867-550-952
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; Patent No. US20020082206A1
; GENERAL INFORMATION:
; APPLICANT: Leach, Martin D.
; APPLICANT: Mehraban, Foad,
; APPLICANT: Conley, Pamela
; APPLICANT: Law, Debbie
; APPLICANT: Topper, James
; TITLE OF INVENTION: No. US20020082206A1 Polynucleotides from Atherogenic Cells and
; TITLE OF INVENTION: Thereby
; FILE REFERENCE: 21402-013 (Chua-313)
; CURRENT APPLICATION NUMBER: US/09/867,550
; CURRENT FILING DATE: 2001-09-20
; PRIOR APPLICATION NUMBER: USSN 60/208,427
; PRIOR FILING DATE: 2000-05-30
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; US-09-867-550-952

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RESULT 4
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 : Sequence 36076, Application US/09864761
 : Patent No. US20020048763A1
 : GENERAL INFORMATION:
 : APPLICANT: Penn, Sharon G.
 : APPLICANT: Rank, David R.
 : APPLICANT: Hanzel, David K.
 : TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
 : TITLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY

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FILE REFERENCE: Aecmca-X-1
CURRENT APPLICATION NUMBER: US/09/864,761
CURRENT FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/180,312
PRIOR FILING DATE: 2000-02-04
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 09/632,366
PRIOR FILING DATE: 2000-08-03
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00660
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 09/608,408
PRIOR FILING DATE: 2000-06-30
PRIOR APPLICATION NUMBER: US 09/774,203
PRIOR FILING DATE: 2001-01-29
NUMBER OF SEQ ID NOS: 49117
SOFTWARE: Anomax Sequence Listing Engine vers. 1.1
SEQ ID NO 36076
LENGTH: 31
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: MAP TO AL031662.24
OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 2.1
OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 2.1
OTHER INFORMATION: EXPRESSED IN BT474, SIGNAL = 2.4
OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 1.9
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OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 2
OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 2.3
OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 1.7
OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 2.3
US-09-864-761-36076

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DB 1 CVALRAGPLPGKIDPLVTYGRPLNMKEID 31

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RESULT 5
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; Sequence 40, Application US/09826508
; Patent No. US20010025099A1
; GENERAL INFORMATION:

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APPLICANT: Nabil Elshoutdasy
APPLICANT: Lisa Vawter
TITLE OF INVENTION: G Protein-Coupled Receptor Polypeptides
TITLE OF INVENTION: and Polynucleotides
FILE REFERENCE: GP-7074USB
CURRENT APPLICATION NUMBER: US/09/826,508
CURRENT FILING DATE: 2001-04-05
NUMBER OF SEQ ID NOS: 40
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 40
LENGTH: 423
TYPE: PRT
ORGANISM: HOMO SAPIENS
US-09-826-508-40

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Best Local Similarity 100.0%; Pred. No. 1, 6;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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OY 12 PPSLSLSSV 20
DB 48 PPSLSLSSV 56

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RESULT 6
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; Patent No. US20020110811A1
; GENERAL INFORMATION:
; APPLICANT: LEVINE, et al.
; TITLE OF INVENTION: VARIANTS OF PROTEIN KINASES
; FILE REFERENCE: 802620-2005.1
; CURRENT APPLICATION NUMBER: US/09/771,161A
; CURRENT FILING DATE: 2001-01-26
; PRIOR APPLICATION NUMBER: 09/724,676
; PRIOR FILING DATE: 2000-11-28
; PRIOR APPLICATION NUMBER: 136776
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: 135619
; PRIOR FILING DATE: 2000-04-12
; NUMBER OF SEQ ID NOS: 273
; SOFTWARE: PatentIn version 3.0
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; ORGANISM: Homo sapiens
US-09-771-161A-95

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Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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OY 165 TPFSIQANLV 173
DB 194 TPFSIQANLV 202

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RESULT 7
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; Patent No. US20020110811A1
; GENERAL INFORMATION:
; APPLICANT: LEVINE, et al.
; TITLE OF INVENTION: VARIANTS OF PROTEIN KINASES
; FILE REFERENCE: 802620-2005.1
; CURRENT APPLICATION NUMBER: US/09/771,161A
; CURRENT FILING DATE: 2001-01-26
; PRIOR APPLICATION NUMBER: 09/724,676
; PRIOR FILING DATE: 2000-11-28
; PRIOR APPLICATION NUMBER: 136776
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: 135619
; PRIOR FILING DATE: 2000-04-12

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NUMBER OF SEQ ID NOS: 273
 SOFTWARE: Patentin version 3.0
 SEQ ID NO: 186
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 TYPE: PRT
 ORGANISM: Homo sapiens
 US-09-771-161A-186

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 DB 194 TRPSLQALV 202

RESULT 8
 US-09-765-298A-6
 Sequence 6, Application US/09765298A
 Patent No. US20020137017A1
 GENERAL INFORMATION:
 APPLICANT: ARONHEIM, AMI
 TITLE OF INVENTION: METHOD FOR DETECTION PROTEIN-PROTEIN INTERACTIONS AND A KIT THERE
 FILE REFERENCE: 108387.01
 CURRENT APPLICATION NUMBER: US/09/765,298A
 CURRENT FILING DATE: 2001-01-22
 PRIOR APPLICATION NUMBER: IL 125456
 PRIOR FILING DATE: 1998-07-22
 PRIOR APPLICATION NUMBER: IL 128017
 PRIOR FILING DATE: 1998-01-12
 NUMBER OF SEQ ID NOS: 31
 SOFTWARE: Patentin version 3.1
 SEQ ID NO: 6
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 US-09-765-298A-6

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QY 116 GAFIRES 123
 DB 81 GAFIRES 88

RESULT 9
 US-09-870-759-64
 Sequence 64, Application US/09870759
 Patent No. US20020177551A1
 GENERAL INFORMATION:
 APPLICANT: TERMAN, DAVID S
 TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR TREATMENT OF NEOPLASTIC DISEASE
 FILE REFERENCE: 870759
 CURRENT APPLICATION NUMBER: US/09/870,759
 CURRENT FILING DATE: 2002-01-14
 PRIOR APPLICATION NUMBER: US 60/208,128
 PRIOR FILING DATE: 2000-05-30
 NUMBER OF SEQ ID NOS: 166
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DB 143 YISPRITF 150

RESULT 10
 US-09-977-260-17
 Sequence 17, Application US/09977260
 Publication No. US20020192790A1
 GENERAL INFORMATION:
 APPLICANT: ULIRICH, AXEL
 APPLICANT: GISHIZKY, MIKHAIL
 APPLICANT: SURES, IRMINGARD
 TITLE OF INVENTION: NOVEL MEGAKARYOCYTIC PROTEIN TYROSINE KINASES
 FILE REFERENCE: 038602/1260
 CURRENT APPLICATION NUMBER: US/09/977,260
 CURRENT FILING DATE: 2001-10-16
 PRIOR APPLICATION NUMBER: 08/232,545
 PRIOR FILING DATE: 1994-04-22
 NUMBER OF SEQ ID NOS: 24
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 SEQ ID NO: 17
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 TYPE: PRT
 ORGANISM: Homo sapiens
 US-09-977-260-17

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QY 128 GSYSLSVR 135
 DB 157 GSYSLSVR 164

RESULT 11
 US-09-977-269-17
 Sequence 17, Application US/09977269
 Patent No. US2002082037A1
 GENERAL INFORMATION:
 APPLICANT: ULIRICH, AXEL
 APPLICANT: GISHIZKY, MIKHAIL
 APPLICANT: SURES, IRMINGARD
 TITLE OF INVENTION: NOVEL MEGAKARYOCYTIC PROTEIN TYROSINE KINASES
 FILE REFERENCE: 038602/1260
 CURRENT APPLICATION NUMBER: US/09/977,269
 CURRENT FILING DATE: 2001-10-16
 PRIOR APPLICATION NUMBER: 08/232,545
 PRIOR FILING DATE: 1994-04-22
 NUMBER OF SEQ ID NOS: 24
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 LENGTH: 505
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-09-977-269-17

Query Match
 Best Local Similarity 100.0%; Pred. No. 17;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 128 GSYSLSVR 135
 DB 157 GSYSLSVR 164

RESULT 12
 US-09-977-260-16
 Sequence 16, Application US/09977260
 Publication No. US20020192790A1
 GENERAL INFORMATION:
 APPLICANT: ULIRICH, AXEL
 APPLICANT: GISHIZKY, MIKHAIL

```

; APPLICANT: SURES, IRMINGARD
; TITLE OF INVENTION: NOVEL MEGAKARYOCYTIC PROTEIN TYROSINE KINASES
; FILE REFERENCE: 038602/1260
; CURRENT APPLICATION NUMBER: US/09/977,260
; PRIOR FILING DATE: 2001-10-16
; PRIOR APPLICATION NUMBER: 08/232,545
; PRIOR FILING DATE: 1994-04-22
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 16
; LENGTH: 512
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-977-260-16

Query Match      3.1%; Score 8; DB 9; Length 512;
Best Local Similarity 100.0%; Pred. No. 17;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      116 GAFLIRES 123
Db      151 GAFLIRES 158

RESULT 13
US-09-977-269-16
; Sequence 16, Application US/09977269
; Patent No. US20020082037A1
; GENERAL INFORMATION:
; APPLICANT: ULIRICH, AXEL
; APPLICANT: GISHIZKY, MIKHAIL
; APPLICANT: SURES, IRMINGARD
; TITLE OF INVENTION: NOVEL MEGAKARYOCYTIC PROTEIN TYROSINE KINASES
; FILE REFERENCE: 038602/1260
; CURRENT APPLICATION NUMBER: US/09/977,269
; CURRENT FILING DATE: 2001-10-16
; PRIOR APPLICATION NUMBER: 08/232,545
; PRIOR FILING DATE: 1994-04-22
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 16
; LENGTH: 512
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-977-269-16

Query Match      3.1%; Score 8; DB 10; Length 512;
Best Local Similarity 100.0%; Pred. No. 17;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      116 GAFLIRES 123
Db      151 GAFLIRES 158

RESULT 14
US-09-977-260-15
; Sequence 15, Application US/09977260
; Publication No. US2002019270A1
; GENERAL INFORMATION:
; APPLICANT: ULIRICH, AXEL
; APPLICANT: GISHIZKY, MIKHAIL
; APPLICANT: SURES, IRMINGARD
; TITLE OF INVENTION: NOVEL MEGAKARYOCYTIC PROTEIN TYROSINE KINASES
; FILE REFERENCE: 038602/1260
; CURRENT APPLICATION NUMBER: US/09/977,260
; CURRENT FILING DATE: 2001-10-16
; PRIOR APPLICATION NUMBER: 08/232,545
; PRIOR FILING DATE: 1994-04-22
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 15
; LENGTH: 529
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```

; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-977-260-15

Query Match      3.1%; Score 8; DB 9; Length 529;
Best Local Similarity 100.0%; Pred. No. 18;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      116 GAFLIRES 123
Db      166 GAFLIRES 173

RESULT 15
US-09-977-269-15
; Sequence 15, Application US/09977269
; Patent No. US20020082037A1
; GENERAL INFORMATION:
; APPLICANT: ULIRICH, AXEL
; APPLICANT: GISHIZKY, MIKHAIL
; APPLICANT: SURES, IRMINGARD
; TITLE OF INVENTION: NOVEL MEGAKARYOCYTIC PROTEIN TYROSINE KINASES
; FILE REFERENCE: 038602/1260
; CURRENT APPLICATION NUMBER: US/09/977,269
; CURRENT FILING DATE: 2001-10-16
; PRIOR APPLICATION NUMBER: 08/232,545
; PRIOR FILING DATE: 1994-04-22
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 15
; LENGTH: 529
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-977-269-15

Query Match      3.1%; Score 8; DB 10; Length 529;
Best Local Similarity 100.0%; Pred. No. 18;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      116 GAFLIRES 123
Db      166 GAFLIRES 173

RESULT 16
US-09-966-422B-53
; Sequence 53, Application US/09966422B
; Publication No. US20030044892A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: A NOVEL HUMAN G-PROTEIN COUPLED RECEPTOR, HGRPMY6, EXPRESSED HI
; FILE REFERENCE: D0040NE/3053-4119US3
; CURRENT APPLICATION NUMBER: US/09/966,422B
; CURRENT FILING DATE: 2002-05-07
; PRIOR APPLICATION NUMBER: 60/235,602
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: 60/306,604
; PRIOR FILING DATE: 2001-07-19
; PRIOR APPLICATION NUMBER: 60/315,412
; PRIOR FILING DATE: 2001-08-28
; NUMBER OF SEQ ID NOS: 81
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 53
; LENGTH: 14
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-966-422B-53

Query Match      2.7%; Score 7; DB 9; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.2;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Tue Apr 1 06:01:53 2003

us-09-988-971-2.01igo.rapb

Page 6

OY 7 RKSLPS 13
|||||
DB 6 RKSLPS 12

```
RESULT 17
US-09-864-761-36429
; Sequence 36429, Application US/09864761
; Patent No. US20020048763A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharon G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.
; APPLICANT: Chen, Wensheng
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
; FILE REFERENCE: Aecmca-X-1
; FILE REFERENCE: GENE EXPRESSION ANALYSIS BY MICROARRAY
; CURRENT FILING DATE: 2001-05-23
; CURRENT FILING DATE: US/09/864,761
; PRIOR FILING DATE: 2000-02-04
; PRIOR FILING DATE: US 60/180,312
; PRIOR FILING DATE: 2000-02-04
; PRIOR FILING DATE: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR FILING DATE: US 09/632,366
; PRIOR FILING DATE: 2000-08-03
; PRIOR FILING DATE: US 09/632,366
; PRIOR FILING DATE: 2000-10-04
; PRIOR FILING DATE: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR FILING DATE: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR FILING DATE: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR FILING DATE: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR FILING DATE: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR FILING DATE: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR FILING DATE: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR FILING DATE: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR FILING DATE: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR FILING DATE: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR FILING DATE: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR FILING DATE: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR FILING DATE: US 09/608,408
; PRIOR FILING DATE: 2000-06-30
; PRIOR FILING DATE: US 09/774,203
; PRIOR FILING DATE: 2001-01-29
; NUMBER OF SEQ ID NOS: 49117
; SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
; SEQ ID NO 36429
; LENGTH: 77
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO AC007993.8
; OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 6.2
; OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 7
; OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 5.6
; OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 6
; OTHER INFORMATION: EXPRESSED IN BT474, SIGNAL = 5.7
; OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 6.8
; OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 6.9
; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 7.3
; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 8.2
; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 7.9
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OTHER INFORMATION: EST HUMAN HIT: BE53510.1, EVALUE 3.00e-01
OTHER INFORMATION: SWISSPROT HIT: P28629, EVALUE 3.10e+00
US-09-864-761-36429

Query Match 2.7%; Score 7; DB 10; Length 77;
Best Local Similarity 100.0%; Pred. No. 26;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
OY 106 ELLLLPG 112
|||||
DB 28 ELLLLPG 34

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RESULT 18
US-09-966-422B-19
; Sequence 19, Application US/09966422B
; Publication No. US20030044892A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: A NOVEL HUMAN G-PROTEIN COUPLED RECEPTOR, HGPBMY6, EXPRESSED HIT
; FILE REFERENCE: D0040NP/3053-4119US3
; CURRENT FILING DATE: 2002-05-07
; CURRENT FILING DATE: US/09/966,422B
; PRIOR FILING DATE: 2000-09-27
; PRIOR FILING DATE: US 60/306,604
; PRIOR FILING DATE: 2001-07-19
; PRIOR FILING DATE: US 60/315,412
; PRIOR FILING DATE: 2001-08-28
; PRIOR FILING DATE: US 09/966,422B
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 19
; LENGTH: 78
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-966-422B-19
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Query Match 2.7%; Score 7; DB 9; Length 78;
Best Local Similarity 100.0%; Pred. No. 26;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 7 RKSLPS 13
|||||
DB 24 RKSLPS 30

```
RESULT 19
US-09-799-848-2
; Sequence 2, Application US/09799848
; Patent No. US20010044145A1
; GENERAL INFORMATION:
; APPLICANT: Monia, Brett
; APPLICANT: Cook, Phillip
; APPLICANT: Crooke, Stanley
; APPLICANT: Wu, Hongliang
; APPLICANT: Lima, Walter
; TITLE OF INVENTION: METHODS OF USING MAMMALIAN RNASE H AND COMPOSITIONS THEREOF
; FILE REFERENCE: ISPH-0521
; CURRENT FILING DATE: US/09/799,848
; CURRENT FILING DATE: 2001-03-05
; PRIOR FILING DATE: US 09/343,809
; PRIOR FILING DATE: 1999-06-30
; PRIOR FILING DATE: US 09/684,254
; PRIOR FILING DATE: 2000-10-06
; PRIOR FILING DATE: US 09/203,716
; PRIOR FILING DATE: 1998-12-02
; PRIOR FILING DATE: US 60/067,458
; PRIOR FILING DATE: 1997-12-04
; PRIOR FILING DATE: US 09/453,514
; PRIOR FILING DATE: 1999-12-01
; PRIOR FILING DATE: US 09/144,611
; PRIOR FILING DATE: 1998-08-31
```

PRIOR APPLICATION NUMBER: US 08/861,306
PRIOR FILING DATE: 1997-04-21
PRIOR APPLICATION NUMBER: US 08/244,993
PRIOR FILING DATE: 1994-06-21
PRIOR APPLICATION NUMBER: US 07/814,961
PRIOR FILING DATE: 1991-12-24
PRIOR APPLICATION NUMBER: US 09/462,280
PRIOR FILING DATE: 2000-03-01
PRIOR APPLICATION NUMBER: PCT/US98/13966
PRIOR FILING DATE: 1998-07-06
PRIOR APPLICATION NUMBER: US 08/889,296
PRIOR FILING DATE: 1997-07-08
PRIOR APPLICATION NUMBER: US 08/411,734
PRIOR FILING DATE: 1995-04-03
PRIOR APPLICATION NUMBER: US 08/007,996
PRIOR FILING DATE: 1993-10-21
NUMBER OF SEQ ID NOS: 26
SOFTWARE: PatentIn version 3.0
SEQ ID NO: 2
LENGTH: 128
TYPE: PRT
ORGANISM: Mus sp.
US-09-799-848-2

Query Match 2.7%: Score 7; DB 10; Length 128;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 187 LKEPCVL 193
Db 25 LKEPCVL 31

RESULT 20
US-09-927-602-9
Sequence 9, Application US/09927602
Patent No. US20020061562A1
GENERAL INFORMATION:
APPLICANT: Fukuda, Michiko N.
APPLICANT: Akama, Tomoya O.
TITLE OF INVENTION: Methods of Treating Macular Corneal
TITLE OF INVENTION: Dystrophy
FILE REFERENCE: P-LJ 4852
CURRENT APPLICATION NUMBER: US/09/927,602
CURRENT FILING DATE: 2001-08-09
PRIOR APPLICATION NUMBER: US 09/638,211
PRIOR FILING DATE: 2000-08-11
NUMBER OF SEQ ID NOS: 38
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO: 9
LENGTH: 169
TYPE: PRT
ORGANISM: Homo Sapien
US-09-927-602-9

Query Match 2.7%: Score 7; DB 10; Length 169;
Best Local Similarity 100.0%; Pred. No. 54;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 119 LIRESCOT 125
Db 106 LIRESCOT 112

RESULT 21
US-09-815-242-13438
Sequence 13438, Application US/09815242
Patent No. US20020061569A1
GENERAL INFORMATION:
APPLICANT: Haselbeck, Robert
APPLICANT: Ohlsen, Kari L.
APPLICANT: Zykkind, Judith W.
APPLICANT: Wall, Daniel

APPLICANT: Trawick, John D.
APPLICANT: Carr, Grant J.
APPLICANT: Yamamoto, Robert T.
APPLICANT: Xu, H. Howard
TITLE OF INVENTION: Identification of Essential Genes in
FILE REFERENCE: ELITRA.011A
CURRENT APPLICATION NUMBER: US/09/815,242
CURRENT FILING DATE: 2001-03-21
PRIOR APPLICATION NUMBER: 60/191,078
PRIOR FILING DATE: 2000-03-21
PRIOR APPLICATION NUMBER: 60/206,848
PRIOR FILING DATE: 2000-05-23
PRIOR APPLICATION NUMBER: 60/207,727
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: 60/242,578
PRIOR FILING DATE: 2000-10-23
PRIOR APPLICATION NUMBER: 60/253,625
PRIOR FILING DATE: 2000-11-27
PRIOR APPLICATION NUMBER: 60/257,931
PRIOR FILING DATE: 2000-12-22
PRIOR APPLICATION NUMBER: 60/269,308
PRIOR FILING DATE: 2001-02-16
NUMBER OF SEQ ID NOS: 14110
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO: 13438
LENGTH: 286
TYPE: PRT
ORGANISM: Streptococcus pneumoniae
US-09-815-242-13438

Query Match 2.7%: Score 7; DB 10; Length 286;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 37 AVAUGSF 43
Db 5 AVAUGSF 11

RESULT 22
US-09-815-242-13655
Sequence 13655, Application US/09815242
Patent No. US20020061569A1
GENERAL INFORMATION:
APPLICANT: Haselbeck, Robert
APPLICANT: Ohlsen, Kari L.
APPLICANT: Zykkind, Judith W.
APPLICANT: Wall, Daniel
APPLICANT: Trawick, John D.
APPLICANT: Carr, Grant J.
APPLICANT: Yamamoto, Robert T.
APPLICANT: Xu, H. Howard
TITLE OF INVENTION: Identification of Essential Genes in
FILE REFERENCE: ELITRA.011A
CURRENT APPLICATION NUMBER: US/09/815,242
CURRENT FILING DATE: 2001-03-21
PRIOR APPLICATION NUMBER: 60/191,078
PRIOR FILING DATE: 2000-03-21
PRIOR APPLICATION NUMBER: 60/206,848
PRIOR FILING DATE: 2000-05-23
PRIOR APPLICATION NUMBER: 60/207,727
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: 60/242,578
PRIOR FILING DATE: 2000-10-23
PRIOR APPLICATION NUMBER: 60/253,625
PRIOR FILING DATE: 2000-11-27
PRIOR APPLICATION NUMBER: 60/257,931
PRIOR FILING DATE: 2000-12-22
PRIOR APPLICATION NUMBER: 60/269,308
PRIOR FILING DATE: 2001-02-16
NUMBER OF SEQ ID NOS: 14110

SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 13655
LENGTH: 286
TYPE: PRT
ORGANISM: Streptococcus pneumoniae
US-09-815-242-13655

Query Match
Best Local Similarity 100.0%; Pred. No. 89;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 37 AVALGSP 43
DB 5 AVALGSP 11

RESULT 23
US-10-171-077-5
Sequence 5, Application US/10171077
Publication No. US20030022353A1
GENERAL INFORMATION:
APPLICANT: Litwack, Gerald
Alnemri, Emad S.
Fernandez-Alnemri, Teresa
TITLE OF INVENTION: Mch2, AN APOPTOTIC CYSTEINE
PROTEASE,
AND COMPOSITIONS FOR MAKING AND
METHODS

NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESS: Woodcock, Washburn, Kurtz, Mackiewicz &
No. US20030022353A1
STREET: One Liberty Place, 46th floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION NUMBER: US/10/171,077
FILING DATE: 12-Jun-2002
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/446,925
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Deluca, Mark
REGISTRATION NUMBER: 33,229
REFERENCE/DOCKET NUMBER: TJU-1508
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 293 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 5:
US-10-171-077-5

Query Match
Best Local Similarity 100.0%; Pred. No. 91;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 103 KAEELL 109
DB 92 KAEELL 98

RESULT 24
US-09-954-697-21
Sequence 21, Application US/09954697
Patent No. US20020106631A1
GENERAL INFORMATION:
APPLICANT: Alnemri, Emad S.
TITLE OF INVENTION: RECOMBINANT, ACTIVE CASPASES AND USSES
FILE REFERENCE: 480140.431D2
CURRENT APPLICATION NUMBER: US/09/954,697
FILING DATE: 2001-09-14
NUMBER OF SEQ ID NOS: 116
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 21
LENGTH: 293
TYPE: PRT
ORGANISM: Homo sapien
US-09-954-697-21

Query Match
Best Local Similarity 100.0%; Pred. No. 91;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 103 KAEELL 109
DB 92 KAEELL 98

RESULT 25
US-09-816-028A-10
Sequence 10, Application US/09816028A
Patent No. US20020042369A1
GENERAL INFORMATION:
APPLICANT: Gilbert, Michel
APPLICANT: Warkichuk, Warren W.
APPLICANT: National Research Council of Canada
TITLE OF INVENTION: Campylobacter Glycosyltransferases for Biosynthesis of
FILE REFERENCE: 019633-000111US
CURRENT APPLICATION NUMBER: US/09/816,028A
FILING DATE: 2001-03-21
PRIOR APPLICATION NUMBER: US 60/118,213
PRIOR FILING DATE: 1999-02-01
PRIOR APPLICATION NUMBER: US 09/495,406
FILING DATE: 2000-01-31
NUMBER OF SEQ ID NOS: 49
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 10
LENGTH: 294
TYPE: PRT
ORGANISM: Campylobacter jejuni
FEATURE:
OTHER INFORMATION: Campylobacter alpha-2,3/alpha 2,8-sialyltransferase II
US-09-816-028A-10

Query Match
Best Local Similarity 100.0%; Pred. No. 92;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 35 ATVALG 41
DB 141 ATVALG 147

RESULT 26
US-09-954-697-36
Sequence 36, Application US/09954697
Patent No. US20020106631A1
GENERAL INFORMATION:
APPLICANT: Alnemri, Emad S.
TITLE OF INVENTION: RECOMBINANT, ACTIVE CASPASES AND USSES


```

; TITLE OF INVENTION: THEROP
; FILE REFERENCE: 480140.431D2
; CURRENT APPLICATION NUMBER: US/09/954,697
; CURRENT FILING DATE: 2001-09-14
; NUMBER OF SEQ ID NOS: 116
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 36
; LENGTH: 300
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Rev-Caspase-6 constructed from human caspase-6
US-09-954-697-36

Query Match
Best Local Similarity 100.0%; Score 7; DB 10; Length 300;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 103 KAEELL 109
Db 213 KAEELL 219

RESULT 27
US-09-843-164-18
; Sequence 18, Application US/09843164
; Patent No. US20020061556A1
; GENERAL INFORMATION:
; APPLICANT: Walke, D. Wade
; APPLICANT: Wang, Xiaoming
; APPLICANT: Scoville, John
; TITLE OF INVENTION: No. US0020061556A1 Human Membrane Proteins and Polynucleotides
; FILE REFERENCE: 07705.0014-00000
; CURRENT APPLICATION NUMBER: US/09/843,164
; CURRENT FILING DATE: 2001-04-27
; PRIOR APPLICATION NUMBER: US 60/199,950
; PRIOR FILING DATE: 2000-04-27
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 18
; LENGTH: 320
; TYPE: PRT
; ORGANISM: homo sapiens
US-09-843-164-18

Query Match
Best Local Similarity 100.0%; Score 7; DB 10; Length 320;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 RRSKPS 13
Db 266 RRSKPS 272

RESULT 28
US-10-012-542-366
; Sequence 366, Application US/10012542
; Publication No. US20030044851A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; TITLE OF INVENTION: 94 Human Secreted Proteins
; FILE REFERENCE: P2029P1
; CURRENT APPLICATION NUMBER: US/10/012,542
; CURRENT FILING DATE: 2001-12-12
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/461,325
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-12-14
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/089,507
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-06-16
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/089,508
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-06-16
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/089,509
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-06-16
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/089,510
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; PRIOR FILING DATE: EARLIER FILING DATE: 1998-06-16
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/090,112
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-06-22
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/090,113
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-06-22
; NUMBER OF SEQ ID NOS: 532
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 366
; LENGTH: 429
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: SITE
; LOCATION: (236)
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
; NAME/KEY: SITE
; LOCATION: (255)
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
; NAME/KEY: SITE
; LOCATION: (260)
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
; NAME/KEY: SITE
; LOCATION: (265)
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
; NAME/KEY: SITE
; LOCATION: (418)
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
US-10-012-542-366

Query Match
Best Local Similarity 100.0%; Score 7; DB 9; Length 429;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 164 LTFPSLQ 170
Db 309 LTFPSLQ 315

RESULT 29
US-09-929-060-1
; Sequence 1, Application US/09929060
; Patent No. US20020068350A1
; GENERAL INFORMATION:
; APPLICANT: ANAZAWA, HIDEYASU
; APPLICANT: KANEKO, SYONICHI
; APPLICANT: NAGASHIMA, TADASHI
; APPLICANT: TANGE, TATSUYA
; TITLE OF INVENTION: NOVEL PHYTASE AND GENE ENCODING SAID PHYTASE
; FILE REFERENCE: 081356/0166
; CURRENT APPLICATION NUMBER: US/09/929,060
; CURRENT FILING DATE: 2001-08-05
; PRIOR APPLICATION NUMBER: 09/543,744
; PRIOR FILING DATE: 2000-04-05
; PRIOR APPLICATION NUMBER: 09/155,855
; PRIOR FILING DATE: 1998-10-05
; PRIOR APPLICATION NUMBER: JP 084314/1996
; PRIOR FILING DATE: 1996-04-05
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1
; LENGTH: 443
; TYPE: PRT
; ORGANISM: Aspergillus niger
US-09-929-060-1

Query Match
Best Local Similarity 100.0%; Score 7; DB 10; Length 443;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 177 SELADI 183
Db 197 SELADI 203
```

RESULT 30

US-09-929-060-2
; Sequence 2, Application US/09929060
; Patent No. US20020068350A1
; GENERAL INFORMATION:
; APPLICANT: KONDO, HIDEASA
; APPLICANT: ANAZAWA, HIDEHARU
; APPLICANT: KANEKO, SYUNICHI
; APPLICANT: NAGASHIMA, TADASHI
; APPLICANT: TANGE, TATSUYA
; TITLE OF INVENTION: NOVEL PHYTASE AND GENE ENCODING SAID PHYTASE
; FILE REFERENCE: 081356/0166
; CURRENT APPLICATION NUMBER: US/09/929,060
; PRIOR FILING DATE: 2001-08-05
; PRIOR APPLICATION NUMBER: 09/543,744
; PRIOR FILING DATE: 2000-04-05
; PRIOR APPLICATION NUMBER: 09/155,855
; PRIOR FILING DATE: 1998-10-05
; PRIOR APPLICATION NUMBER: JP 084314/1996
; PRIOR FILING DATE: 1996-04-05
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2
; LENGTH: 443
; TYPE: PRT
; ORGANISM: Aspergillus niger
; FEATURE:
; NAME/KEY: MOD RES
; LOCATION: (2)-(3)
; OTHER INFORMATION: Variable Amino Acid
US-09-929-060-2

Query Match

Best Local Similarity 2.7%; Score 7; DB 10; Length 443;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 177 SELADDI 183

Db 197 SELADDI 203

RESULT 31

US-09-731-872-311
; Sequence 311, Application US/09731872
; Patent No. US20020102604A1
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, Jean Baptiste
; APPLICANT: Bouguerelet, Lydie
; TITLE OF INVENTION: FULL-LENGTH HUMAN CDNAS ENCODING POTENTIALLY SECRETED PROTEINS
; FILE REFERENCE: 78-053,REG
; CURRENT APPLICATION NUMBER: US/09/731,872
; PRIOR FILING DATE: 2000-12-07
; PRIOR APPLICATION NUMBER: US 60/169,629
; PRIOR FILING DATE: 1999-12-08
; PRIOR APPLICATION NUMBER: US 60/187,470
; PRIOR FILING DATE: 2000-03-06
; NUMBER OF SEQ ID NOS: 482
; SOFTWARE: Patent.pm
; SEQ ID NO 311
; LENGTH: 466
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: SIGNAL
; LOCATION: -16...-1
US-09-731-872-311

Query Match 2.7%; Score 7; DB 10; Length 466;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 164 LTFPSIQ 170

Db 346 LTFPSIQ 352

RESULT 32

US-09-929-060-3
; Sequence 3, Application US/09929060
; Patent No. US20020068350A1
; GENERAL INFORMATION:
; APPLICANT: KONDO, HIDEASA
; APPLICANT: ANAZAWA, HIDEHARU
; APPLICANT: KANEKO, SYUNICHI
; APPLICANT: NAGASHIMA, TADASHI
; APPLICANT: TANGE, TATSUYA
; TITLE OF INVENTION: NOVEL PHYTASE AND GENE ENCODING SAID PHYTASE
; FILE REFERENCE: 081356/0166
; CURRENT APPLICATION NUMBER: US/09/929,060
; PRIOR FILING DATE: 2001-08-05
; PRIOR APPLICATION NUMBER: 09/543,744
; PRIOR FILING DATE: 2000-04-05
; PRIOR APPLICATION NUMBER: 09/155,855
; PRIOR FILING DATE: 1998-10-05
; PRIOR APPLICATION NUMBER: JP 084314/1996
; PRIOR FILING DATE: 1996-04-05
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 3
; LENGTH: 467
; TYPE: PRT
; ORGANISM: Aspergillus niger
US-09-929-060-3

Query Match

Best Local Similarity 2.7%; Score 7; DB 10; Length 467;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 177 SELADDI 183

Db 221 SELADDI 227

RESULT 33

US-10-012-542-365
; Sequence 365, Application US/10012542
; Publication No. US20030044851A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; TITLE OF INVENTION: 94 Human Secreted Proteins
; FILE REFERENCE: P2029P1
; CURRENT APPLICATION NUMBER: US/10/012,542
; PRIOR FILING DATE: 2001-12-12
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/461,325
; PRIOR FILING DATE: EARLIER APPLICATION NUMBER: 1999-12-14
; PRIOR APPLICATION NUMBER: 60/089,507
; PRIOR FILING DATE: EARLIER APPLICATION NUMBER: 1998-06-16
; PRIOR APPLICATION NUMBER: 60/089,508
; PRIOR FILING DATE: EARLIER APPLICATION NUMBER: 1998-06-16
; PRIOR APPLICATION NUMBER: 60/089,509
; PRIOR FILING DATE: EARLIER APPLICATION NUMBER: 1998-06-16
; PRIOR APPLICATION NUMBER: 60/089,510
; PRIOR FILING DATE: EARLIER APPLICATION NUMBER: 1998-06-16
; PRIOR APPLICATION NUMBER: 60/090,112
; PRIOR FILING DATE: EARLIER APPLICATION NUMBER: 1998-06-22
; PRIOR APPLICATION NUMBER: 60/090,113
; PRIOR FILING DATE: EARLIER APPLICATION NUMBER: 1998-06-22
; NUMBER OF SEQ ID NOS: 532
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 365
; LENGTH: 470
; TYPE: PRT
; ORGANISM: Homo sapiens

Query Match 2.7%; Score 7; DB 10; Length 470;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

FEATURE:
NAME/KEY: SITE
LOCATION: (277)
OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
NAME/KEY: SITE
LOCATION: (296)
OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
NAME/KEY: SITE
LOCATION: (301)
OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
NAME/KEY: SITE
LOCATION: (306)
OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
NAME/KEY: SITE
LOCATION: (324)
OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
NAME/KEY: SITE
LOCATION: (431)
OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
US-10-012-542-365

Query Match
Best Local Similarity 2.7%; Score 7; DB 9; Length 470;
Pred. No. 1.4e+02;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 164 LTFPSLQ 170
DB 350 LTFPSLQ 356

RESULT 34
US-09-843-164-14
Sequence 14, Application US/09843164
Patent No. US20020061556A1
GENERAL INFORMATION:
APPLICANT: Walke, D. Wade
APPLICANT: Wang, Xiaoming
APPLICANT: Scoville, John
TITLE OF INVENTION: No. US20020061556A1 Human Membrane Proteins and Polynucleotides
FILE REFERENCE: 07705.0014-00000
CURRENT APPLICATION NUMBER: US/09/843,164
CURRENT FILING DATE: 2001-04-27
PRIOR APPLICATION NUMBER: US 60/199,950
PRIOR FILING DATE: 2000-04-27
NUMBER OF SEQ ID NOS: 19
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 14
LENGTH: 502
TYPE: PRT
ORGANISM: homo sapiens
US-09-843-164-14

Query Match
Best Local Similarity 2.7%; Score 7; DB 10; Length 502;
Pred. No. 1.5e+02;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 RRSKSLPS 13
DB 448 RRSKSLPS 454

RESULT 35
US-09-966-422B-2
Sequence 2, Application US/09966422B
Publication No. US20030044892A1
GENERAL INFORMATION:
APPLICANT: Bristol-Myers Squibb Company
TITLE OF INVENTION: A NOVEL HUMAN G-PROTEIN COUPLED RECEPTOR, HGPRTM6, EXPRESSED HIG
FILE REFERENCE: D0040NF/3053-4119US3
CURRENT APPLICATION NUMBER: US/09/966,422B
CURRENT FILING DATE: 2002-05-07
PRIOR APPLICATION NUMBER: 60/235,602

PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: 60/306,604
PRIOR FILING DATE: 2001-07-19
PRIOR APPLICATION NUMBER: 60/315,412
PRIOR FILING DATE: 2001-08-28
NUMBER OF SEQ ID NOS: 81
SOFTWARE: PatentIn version 3.0
SEQ ID NO 2
LENGTH: 560
TYPE: PRT
ORGANISM: Homo sapiens
US-09-966-422B-2

Query Match
Best Local Similarity 2.7%; Score 7; DB 9; Length 560;
Pred. No. 1.7e+02;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 RRSKSLPS 13
DB 506 RRSKSLPS 512

RESULT 36
US-09-843-164-12
Sequence 12, Application US/09843164
Patent No. US20020061556A1
GENERAL INFORMATION:
APPLICANT: Walke, D. Wade
APPLICANT: Wang, Xiaoming
APPLICANT: Scoville, John
TITLE OF INVENTION: No. US20020061556A1 Human Membrane Proteins and Polynucleotides
FILE REFERENCE: 07705.0014-00000
CURRENT APPLICATION NUMBER: US/09/843,164
CURRENT FILING DATE: 2001-04-27
PRIOR APPLICATION NUMBER: US 60/199,950
PRIOR FILING DATE: 2000-04-27
NUMBER OF SEQ ID NOS: 19
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 12
LENGTH: 560
TYPE: PRT
ORGANISM: homo sapiens
US-09-843-164-12

Query Match
Best Local Similarity 2.7%; Score 7; DB 10; Length 560;
Pred. No. 1.7e+02;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 RRSKSLPS 13
DB 506 RRSKSLPS 512

RESULT 37
US-09-931-087A-20
Sequence 20, Application US/09931087A
Patent No. US20020147322A1
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
TITLE OF INVENTION: NSF Molecules
FILE REFERENCE: P1223RLE
CURRENT APPLICATION NUMBER: US/09/931,087A
CURRENT FILING DATE: 2001-08-15
PRIOR APPLICATION NUMBER: 09/367,206
PRIOR FILING DATE: 1999-08-09
PRIOR APPLICATION NUMBER: US 60/082,767
PRIOR FILING DATE: 1998-04-23
PRIOR APPLICATION NUMBER: US 60/113,296
PRIOR FILING DATE: 1998-12-22
NUMBER OF SEQ ID NOS: 35
SEQ ID NO 20
LENGTH: 688
TYPE: PRT

ORGANISM: Homo Sapiens
US-09-931-087A-20

Query Match
Best Local Similarity 100.0%; Score 7; DB 10; Length 688;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 12 PSPSLSS 18
DB 308 PSPSLSS 314

RESULT 38
US-09-931-087A-5
Sequence 5, Application US/09931087A
Patent No. US20020147322A1
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
TITLE OF INVENTION: NSP Molecules
FILE REFERENCE: P1223R1E
CURRENT APPLICATION NUMBER: US/09/931.087A
CURRENT FILING DATE: 2001-08-15
PRIOR APPLICATION NUMBER: 09/367,206
PRIOR FILING DATE: 1999-08-09
PRIOR APPLICATION NUMBER: US 60/082,767
PRIOR FILING DATE: 1998-04-23
PRIOR APPLICATION NUMBER: US 60/113,296
PRIOR FILING DATE: 1998-12-22
NUMBER OF SEQ ID NOS: 35
SEQ ID NO 5
LENGTH: 703
TYPE: PRT
ORGANISM: Homo sapiens
US-09-931-087A-5

Query Match
Best Local Similarity 100.0%; Score 7; DB 10; Length 703;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 12 PSPSLSS 18
DB 323 PSPSLSS 329

RESULT 39
US-09-391-340-10
Sequence 10, Application US/09391340A
Patent No. US20020013455A1
GENERAL INFORMATION:
APPLICANT: Callen, Walter
APPLICANT: Mather, Eric
TITLE OF INVENTION: ISOLATION AND IDENTIFICATION OF NOVEL POLYMERASES
FILE REFERENCE: 09010/027001
CURRENT APPLICATION NUMBER: US/09/391.340A
CURRENT FILING DATE: 1999-09-07
EARLIER APPLICATION NUMBER: US 08/907,166
EARLIER FILING DATE: 1997-08-06
NUMBER OF SEQ ID NOS: 12
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 10
LENGTH: 762
TYPE: PRT
ORGANISM: Desulfurococcus sp.
FEATURE:
NAME/KEY: variation
LOCATION: (601)..(601)
OTHER INFORMATION: Xaa at position 601 is alanine or proline
US-09-391-340-10

Query Match
Best Local Similarity 100.0%; Score 7; DB 10; Length 762;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 104 ABEILL 110
DB 91 ABEILL 97

RESULT 40
US-09-948-369-10
Sequence 10, Application US/09948369
Patent No. US20020132243A1
GENERAL INFORMATION:
APPLICANT: DIVERSA CORPORATION
APPLICANT: CALLEN, Walter
APPLICANT: MATHER, Eric
TITLE OF INVENTION: ENZYMES HAVING HIGH TEMPERATURE POLYMERASE ACTIVITY AND METHODS OF
FILE REFERENCE: DIVER1350-3
CURRENT APPLICATION NUMBER: US/09/948.369
CURRENT FILING DATE: 2001-09-06
PRIOR APPLICATION NUMBER: US 09/656,309
PRIOR FILING DATE: 2000-09-06
PRIOR APPLICATION NUMBER: US 09/391,340
PRIOR FILING DATE: 1999-09-07
PRIOR APPLICATION NUMBER: US 08/907,166
PRIOR FILING DATE: 1997-08-06
NUMBER OF SEQ ID NOS: 16
SOFTWARE: PatentIn version 3.0
SEQ ID NO 10
LENGTH: 762
TYPE: PRT
ORGANISM: Desulfurococcus sp.
FEATURE:
NAME/KEY: VARIANT
LOCATION: (601)..(601)
OTHER INFORMATION: Xaa is alanine or proline
US-09-948-369-10

Query Match
Best Local Similarity 100.0%; Score 7; DB 10; Length 762;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 104 ABEILL 110
DB 91 ABEILL 97

RESULT 41
US-10-072-841-27
Sequence 27, Application US/10072841
Patent No. US20020164708A1
GENERAL INFORMATION:
APPLICANT: Sheppard, Dean
APPLICANT: Quaranta, Vito
Pyrela, Robert
TITLE OF INVENTION: A No. US20020164708A1e1 Integrin Beta Subunit and Uses Thereof
NUMBER OF SEQUENCES: 43
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pretty, Schroeder, Brueggemann & Clark
STREET: 4370 La Jolla Village Drive, Suite 700
CITY: San Diego
STATE: California
COUNTRY: United States of America
ZIP: 92122
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/072.841
FILING DATE: 06-Feb-2002
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:

```

; APPLICATION NUMBER: 07/728,215
; FILING DATE: <unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Campbell, Cathryn A.
; REGISTRATION NUMBER: 31,815
; REFERENCE/DOCKET NUMBER: P31 8717
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 535-9001
; TELEFAX: (619) 535-8949
; INFORMATION FOR SEQ ID NO: 27:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 788 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; SEQUENCE DESCRIPTION: SEQ ID NO: 27:
US-10-072-841-27

Query Match          2.7%; Score 7; DB 9; Length 788;
Best Local Similarity 100.0%; Pred. No. 2.3e+02;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 29 EAERSKA 35
Db 746 EAERSKA 752

RESULT 42
US-09-843-164-6
; Sequence 6, Application US/09843164
; Patent No. US20020061556A1
; GENERAL INFORMATION:
; APPLICANT: Walke, D. Wade
; APPLICANT: Wang, Xiaoming
; APPLICANT: Scoville, John
; TITLE OF INVENTION: No. US20020061556A1 Human Membrane Proteins and Polynucleotides
; FILE REFERENCE: 07705.0014-0000
; CURRENT APPLICATION NUMBER: US/09/843,164
; CURRENT FILING DATE: 2001-04-27
; PRIOR APPLICATION NUMBER: US 60/199,950
; PRIOR FILING DATE: 2000-04-27
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO: 6
; LENGTH: 848
; TYPE: PRT
; ORGANISM: homo sapiens
US-09-843-164-6

Query Match          2.7%; Score 7; DB 10; Length 848;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 7 RRKSLPS 13
Db 794 RRKSLPS 800

RESULT 43
US-09-815-242-13818
; Sequence 13818, Application US/09815242
; Patent No. US20020061569A1
; GENERAL INFORMATION:
; APPLICANT: Haselbeck, Robert
; APPLICANT: Ohlsen, Kari L.
; APPLICANT: Zyskind, Judith W.
; APPLICANT: Wall, Daniel
; APPLICANT: Trawick, John D.
; APPLICANT: Carr, Grant J.
; APPLICANT: Yamamoto, Robert T.
; APPLICANT: Xu, H. Howard
; TITLE OF INVENTION: Identification of Essential Genes in
; TITLE OF INVENTION: Prokaryotes

; FILE REFERENCE: ELITRA.011A
; CURRENT APPLICATION NUMBER: US/09/815,242
; CURRENT FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: 60/191,078
; PRIOR FILING DATE: 2000-03-21
; PRIOR APPLICATION NUMBER: 60/206,848
; PRIOR FILING DATE: 2000-05-23
; PRIOR APPLICATION NUMBER: 60/207,727
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: 60/242,578
; PRIOR FILING DATE: 2000-10-23
; PRIOR APPLICATION NUMBER: 60/253,625
; PRIOR FILING DATE: 2000-11-27
; PRIOR APPLICATION NUMBER: 60/257,931
; PRIOR FILING DATE: 2000-12-22
; PRIOR APPLICATION NUMBER: 60/269,308
; PRIOR FILING DATE: 2001-02-16
; NUMBER OF SEQ ID NOS: 14110
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO: 13818
; LENGTH: 941
; TYPE: PRT
; ORGANISM: Salmonella typhi
; FEATURE:
; NAME/KEY: VARIANT
; LOCATION: (1)...(941)
; OTHER INFORMATION: Xaa = Any Amino Acid
US-09-815-242-13818

Query Match          2.7%; Score 7; DB 10; Length 941;
Best Local Similarity 100.0%; Pred. No. 2.8e+02;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 102 EKAEELL 108
Db 240 EKAEELL 246

RESULT 44
US-08-681-219-32
; Sequence 32, Application US/08681219
; Patent No. US20020058607A1
; GENERAL INFORMATION:
; APPLICANT: Takaaki Sato and Junn Yanagisawa
; TITLE OF INVENTION: COMPOUNDS THAT INHIBIT THE INTERACTION BETWEEN
; TITLE OF INVENTION: SIGNAL-TRANSDUCING PROTEINS AND THE GLGF
; TITLE OF INVENTION: (PDZ/DHR) DOMAIN AND USES THEREOF
; NUMBER OF SEQUENCES: 35
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cooper & Dunham LLP
; STREET: 1185 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/681,219
; FILING DATE: 22-JUL-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: White, John P
; REGISTRATION NUMBER: 28,678
; REFERENCE/DOCKET NUMBER: 0575/48962/JPW/JKM
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 278-0400
; TELEFAX: (212) 391-0525
; INFORMATION FOR SEQ ID NO: 32:
; SEQUENCE CHARACTERISTICS:
```

LENGTH: 2843 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-681-219-32

Query Match
Best Local Similarity 100.0%; Pred. No. 7.8e+02;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 99 LSREKAE 105
Db 1874 LSREKAE 1880

RESULT 45

US-09-987-482-1
Sequence 1, Application US/09987482
Publication No. US20020184656A1
GENERAL INFORMATION:
APPLICANT: BHANDARI, POONAM
APPLICANT: SHASHIDHAR, L.S.
TITLE OF INVENTION: IN VIVO ASSAY SYSTEM FOR SCREENING AND VALIDATION OF
FILE REFERENCE: 056859-0134
CURRENT APPLICATION NUMBER: US/09/987,482
CURRENT FILING DATE: 2002-03-21
NUMBER OF SEQ ID NOS: 3
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 1
LENGTH: 2843
TYPE: PRT
ORGANISM: Homo sapiens
US-09-987-482-1

Query Match
Best Local Similarity 100.0%; Pred. No. 7.8e+02;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 99 LSREKAE 105
Db 1874 LSREKAE 1880

RESULT 46

US-09-996-288-72
Sequence 72, Application US/09996288
Patent No. US20020177126A1
GENERAL INFORMATION:
APPLICANT: Young, James
APPLICANT: Scott, Koenig
APPLICANT: Leslie, Johnson
TITLE OF INVENTION: Methods of Administering/Dosing Anti-RSV Antibodies for Prophylaxis
FILE REFERENCE: 10271-047-999
CURRENT APPLICATION NUMBER: US/09/996,288
CURRENT FILING DATE: 2001-11-28
NUMBER OF SEQ ID NOS: 259
SOFTWARE: PatentIn version 3.1
SEQ ID NO 72
LENGTH: 10
TYPE: PRT
ORGANISM: Homo sapiens
US-09-996-288-72

Query Match
Best Local Similarity 100.0%; Pred. No. 33;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 15 SLSSSV 20
Db 1 SLSSSV 6

RESULT 47

US-09-996-288-122
Sequence 122, Application US/09996288
Patent No. US20020177126A1
GENERAL INFORMATION:
APPLICANT: Young, James
APPLICANT: Scott, Koenig
APPLICANT: Leslie, Johnson
TITLE OF INVENTION: Methods of Administering/Dosing Anti-RSV Antibodies for Prophylaxis
FILE REFERENCE: 10271-047-999
CURRENT APPLICATION NUMBER: US/09/996,288
CURRENT FILING DATE: 2001-11-28
NUMBER OF SEQ ID NOS: 259
SOFTWARE: PatentIn version 3.1
SEQ ID NO 122
LENGTH: 10
TYPE: PRT
ORGANISM: Homo sapiens
US-09-996-288-122

Query Match
Best Local Similarity 100.0%; Pred. No. 33;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 15 SLSSSV 20
Db 1 SLSSSV 6

RESULT 48

US-10-083-815-51
Sequence 51, Application US/10083815
Publication No. US20030026781A1
GENERAL INFORMATION:
APPLICANT: Anderson, Christen M.
APPLICANT: Cleverger, William
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR REGULATING
TITLE OF INVENTION: ENDOGENOUS INHIBITOR OF ATP SYNTHASE, INCLUDING
FILE REFERENCE: 660088.435C2
CURRENT APPLICATION NUMBER: US/10/083,815
CURRENT FILING DATE: 2002-02-27
NUMBER OF SEQ ID NOS: 72
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 51
LENGTH: 17
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic peptide fragment derived from rat Irf1
US-10-083-815-51

Query Match
Best Local Similarity 100.0%; Pred. No. 55;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 101 REKAE 106
Db 12 REKAE 17

RESULT 49

US-10-083-815-52
Sequence 52, Application US/10083815
Publication No. US20030026781A1
GENERAL INFORMATION:
APPLICANT: Anderson, Christen M.
APPLICANT: Cleverger, William
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR REGULATING

; TITLE OF INVENTION: ENDOGENOUS INHIBITOR OF ATP SYNTHASE, INCLUDING
; TITLE OF INVENTION: TREATMENT FOR DIABETES
; FILE REFERENCE: 660088.435C2
; CURRENT APPLICATION NUMBER: US/10/083,815
; CURRENT FILING DATE: 2002-02-27
; NUMBER OF SEQ ID NOS: 72
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 52
; LENGTH: 18
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic peptide fragment derived from rat IF1
; OTHER INFORMATION: sequence.
US-10-083-815-52

Query Match 2.3%; Score 6; DB 9; Length 18;
Best Local Similarity 100.0%; Pred. No. 58;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 101 REKAE 106
Db 12 REKAE 17

RESULT 50
US-10-083-815-53
; Sequence 53, Application US/10083815
; Publication No. US20030026781A1
; GENERAL INFORMATION:
; APPLICANT: Anderson, Christen M.
; APPLICANT: Cleverger, William
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR REGULATING
; TITLE OF INVENTION: ENDOGENOUS INHIBITOR OF ATP SYNTHASE, INCLUDING
; TITLE OF INVENTION: TREATMENT FOR DIABETES
; FILE REFERENCE: 660088.435C2
; CURRENT APPLICATION NUMBER: US/10/083,815
; CURRENT FILING DATE: 2002-02-27
; NUMBER OF SEQ ID NOS: 72
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 53
; LENGTH: 19
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic peptide fragment derived from rat IF1
; OTHER INFORMATION: sequence.
US-10-083-815-53

Query Match 2.3%; Score 6; DB 9; Length 19;
Best Local Similarity 100.0%; Pred. No. 61;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 101 REKAE 106
Db 12 REKAE 17

Search completed: March 24, 2003, 16:13:03
Job time : 22 secs

